| Ref<br>#     | Hits   | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|--------------|--------|--|---|---------------------|---------|------------------|
| S67          | 2      | "7029988".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/12 11:56 |
| S68          | 682    | 257/e21.54.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/12 12:17 |
| S69          | 535    | 257/e21.545.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/12 11:57 |
| S70          | 1723   | 257/e21.546.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/12 20:47 |
| S71          | 347    | 257/e29.02.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/12 11:58 |
| <b>S72</b>   | 355070 | ((isolat\$4 near trench) TI STI)".ti" and "257"/\$.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/12 19:41 |
| <b>S73</b>   | 17959  | ((shallow adj trencl adj isolat\$3)<br>STI)".ti"         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/12 19:44 |
| S74          | 10819  | S73 and "257"/\$.ccls.                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/12 19:44 |
| S <b>7</b> 5 | 373    | ((shallow adj trencl adj isolat\$3)<br>STI).ti.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/12 19:44 |

| S76 | 197  | S75 and "257"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2006/07/12 20:11 |
|-----|------|--|---|------|-----|------------------|
| S77 | 1207 | 257/506.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2006/07/12 20:21 |
| S78 | 5    | ("6798038").URPN.  | USPAT   | OR   | OFF | 2006/07/12 20:23 |
| S79 | 9    | ("20020135041"   "20030027404"  <br>"20030062568"   "5135879"  <br>"6057580"   "6096622"   "6451654"<br>  "6531377"   "6613649").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR · | OFF | 2006/07/12 20:23 |
| S81 | 939  | 257/510.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2006/07/12 20:55 |
| S82 | 89   | ("4571819").URPN.  | USPAT   | OR   | OFF | 2006/07/12 21:46 |
| S83 | 6    | ("4104086"   "4356211"   "4396460"<br>  "4404735"   "4506434"  <br>"4519128").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR   | OFF | 2006/07/12 21:48 |
| 584 | 0    | ("6388303").URPN.  | USPAT   | OR   | OFF | 2006/07/13 08:00 |
| S85 | 3    | ("5433794"   "5741738"  <br>"6054343").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR   | OFF | 2006/07/13 08:01 |
| S86 | 1777 | 438/424.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2006/07/13 10:11 |
| S87 | 496  | fujitsu and kurita   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2006/07/13 10:12 |
| S88 | 50   | fujitsu and kurita near kazuyuki   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2006/07/13 10:12 |
| S89 | 387  | 257/466  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2006/07/21 17:10 |

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| S90      | 437  | 438/248   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/21 17:18 |
| S91      | 611  | 438/294   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/21 17:25 |
| S92      | 0    | ("7071515").URPN.   | USPAT   | OR | OFF | 2006/07/21 17:19 |
| S93      | 12   | ("20030096466"   "5296392"  <br>"5726095"   "5960276"   "6162679"<br>  "6228726"   "6245639"  <br>"6277697"   "6331458"   "6342429"<br>  "6459141"   "6504219").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/07/21 17:19 |
| S94      | 1621 | 438/296   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/21 17:26 |
| S95      | 0    | ("7060573").URPN.   | USPAT   | OR | OFF | 2006/07/21 17:29 |
| S96      | 9    | ("4307180"   "5229316"   "5506168"<br>  "5712185"   "5837612"  <br>"5872045"   "6080637"   "6221736"<br>  "6281082").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/07/21 18:31 |
| S97      | 4    | (("6333547") or ("5940717")).PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/21 18:38 |
| S98      | 2    | ("6683354").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/21 18:39 |
| S99      | 0    | ("(isolationadjtrenchSTI)andlinerand (siliconadjnitrideSiN)and(siliconadjox ideSiO)andretract\$3.clm.").PN.   | US-PGPUB  | OR | OFF | 2006/07/21 18:42 |
| S10<br>0 | 0    | (isolationadjtrenchSTI) and liner and (siliconadjnitrideSiN) and (siliconadjoxideSiO) and retract\$3. clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/21 18:43 |
| S10<br>2 | 3758 | 257/295   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/21 19:24 |

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| S10<br>3 | 32926        | isolation near trench STI  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB   | OR   | ON  | 2006/07/21 19:25 |
| S10<br>4 | 402          | S102 and S103  | US-PGPUB;<br>, USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2006/07/21 19:25 |
| S10<br>5 | 17           | (isolation adj trench STI) and liner<br>and (silicon adj nitride SiN) and<br>(silicon adj oxide SiO) and retract\$3                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB   | OR   | OFF | 2006/07/21 19:34 |
| S10<br>6 | 460          | (isolation adj trench STI) and liner<br>and (silicon adj nitride SiN) and<br>(silicon adj oxide SiO) and<br>(retract\$3 depress\$5 recess\$3)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB   | OR   | OFF | 2006/07/21 19:36 |
| S10<br>7 | 76           | (isolation adj trench STI) same<br>(liner and (silicon adj nitride SiN)<br>and (silicon adj oxide SiO) and<br>(retract\$3 depress\$5 recess\$3)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB   | OR . | OFF | 2006/07/21 19:36 |
| S10<br>8 | 4            | (isolation adj trench STI) and liner<br>and (silicon adj nitride SiN) and<br>(silicon adj oxide SiO) and retract\$3.<br>clm.                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB   | OR   | OFF | 2006/07/21 19:39 |
| S10<br>9 | 15827        | high near3 temperature near3 oxide<br>HTO  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB   | OR   | ON  | 2006/08/04 16:03 |
| S11<br>0 | 60           | S109 near3 silicon adj oxide   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB   | OR   | ON  | 2006/08/04 16:34 |
| S11<br>1 | 15           | S109 near silicon adj oxide  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB   | OR   | ON  | 2006/08/04 16:17 |
| S11<br>2 |              | S109 near4 silicon adj oxide   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB   | OR   | ON  | 2006/08/04 16:27 |

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| S11<br>3 | 13    | S112 not S110                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2006/08/04 16:19 |
| S11<br>4 | 33632 | trench near3 isolat\$4            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2006/08/04 16:20 |
| S11<br>5 | 33    | S114 with S109 with silicon       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2006/08/04 16:20 |
| S11<br>6 | . 72  | S109 near5 silicon adj oxide      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2006/08/04 16:28 |
| S11<br>7 | 18    | S114 and S116                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2006/08/04 16:28 |
| S11<br>8 | 681   | S109 near (silicon adj oxide sio) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2006/08/04 16:37 |
| S11<br>9 | 3616  | "1" near (silicon adj oxide sio)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2006/08/04 16:36 |
| S12<br>0 | 2     | S118 with S114                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON . | 2006/08/04 16:37 |
| S12<br>1 | 2317  | "hto"                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2006/08/04 16:37 |
| S12<br>2 | 56    | S121 near (silicon adj oxide sio) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2006/08/04 16:41 |

| S12<br>3 | . 15      | "511229"           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/04 16:42 |
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| S12<br>4 | 95        | chou and macronix  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/04 16:45 |
| S12<br>5 |           | S124 and "HTO"     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/04 16:45 |
| S12<br>6 | <b>25</b> | chiou and macronix | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/04 16:45 |
| S12<br>7 | 1         | S126 and "HTO"     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/04 16:45 |